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1270 Aberdeen St
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K6A 1K7
Canada

Tel (613) 632-5200
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006536

646.4001
Job Sheet 184731



Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/16/18

Job Tracking No:

Due Date: 11/9/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	11/9/18	11/9/18	0.00	0.00	Start Up Stores/Pkg-1		NOV 21 2018
110	Packaging	1 pcs	11/9/18	11/9/18	0.00	0.00	Packaging1-1		NOV 29 2018
120	QC	1 pcs	11/9/18	11/9/18	0.00	0.00	QC4		
130	Packaging	1 pcs	11/9/18	11/9/18	0.00	0.00	Packaging3-1		
135	DC	1 pcs	11/9/18	11/9/18	0.00	0.00	DC		DEC 03 2018
140	QC21-FG	1 Ea	11/9/18	11/9/18	0.00	0.00	QC21		DEC 03 2018

Part Op 130 - Identify and pack for shipping as per PPP 646.4001 Location: _____
Descriptions: 135 - Photocopy bluefile & type labels per PPP 646.4001

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	90-Start up Operation	5019004
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	90-Start up Operation	5121187
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	90-Start up Operation	5121188
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	517023
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	90-Start up Operation	5119441
646.2910	Deflector	1 Ea (1 ea)	90-Start up Operation	5079496
646.3001	Lower Cable Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	5119256
646.3110	Channel	1 Ea (1 ea)	90-Start up Operation	5117183
646.3210	Support	1 Ea (1 ea)	90-Start up Operation	5065343
646.3301	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	5104453
646.3510	Strut	1 Ea (1 ea)	90-Start up Operation	5081641
646.3511	Strut	1 Ea (1 ea)	90-Start up Operation	5081639
646.3610	Filler	1 Ea (1 ea)	90-Start up Operation	5092525
646.3710	Doubler	1 Ea (1 ea)	90-Start up Operation	3049069
646.3711	Clip	1 Ea (1 ea)	90-Start up Operation	5063766
646.3712	Clip	1 Ea (1 ea)	90-Start up Operation	5038797
646.3713	Gusset	1 Ea (1 ea)	90-Start up Operation	5042029
646.3714	Gusset	1 Ea (1 ea)	90-Start up Operation	5038824
646.3715	Strut Doubler	2 Ea (2 ea)	90-Start up Operation	5035990
646.3716	Gauge Bracket	1 Ea (1 ea)	90-Start up Operation	5063780
646.3717	Doubler	1 Ea (1 ea)	90-Start up Operation	5026842
646.3718	Custom Washer	2 Ea (2 ea)	90-Start up Operation	5064802

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

J05 154731

006536

646.3719	Doubler	2 Ea (2 ea)	90-Start up Operation	5063754
646.3810	Bracket	2 Ea (2 ea)	90-Start up Operation	5118787
646.3811	Radius Block	1 Ea (1 ea)	90-Start up Operation	5070843
646.3812	Gusset Bracket	2 Ea (2 ea)	90-Start up Operation	5118939
646.3813	AS350 Strut Bracket	1 Ea (1 ea)	90-Start up Operation	5073258
646.3910	Shim	4 Ea (4 ea)	90-Start up Operation	5119356
646.3911	Shim	1 Ea (1 ea)	90-Start up Operation	5041250
646.3912	Shim	4 Ea (4 ea)	90-Start up Operation	5119365
646.3913	Shim	1 Ea (1 ea)	90-Start up Operation	5041498
646.9410	Shim	1 Ea (1 ea)	90-Start up Operation	5056998
647.0112	Strut Bracket	2 Ea (2 ea)	90-Start up Operation	5097197
647.7703	Strut Assembly	2 Ea (2 ea)	90-Start up Operation	5128424
650.9201	Eyelet Bracket Assembly	2 Ea (2 ea)	90-Start up Operation	5122789
AN3-11A	Bolt	10 Ea (10 ea)	90-Start up Operation	5098039
AN3-12A	Bolt	2 Ea (2 ea)	90-Start up Operation	5095479
AN3-13A	Bolt	1 Ea (1 ea)	90-Start up Operation	5098032
AN3-3A	Bolt	4 Ea (4 ea)	90-Start up Operation	5050462
AN3-4A	Bolt	10 Ea (10 ea)	90-Start up Operation	5125031x4 5112901x6
AN3-5A	Bolt	2 Ea (2 ea)	90-Start up Operation	5119258
AN3-6A	Bolt	2 Ea (2 ea)	90-Start up Operation	5103950
AN316C4R	Nut, Jam	2 Ea (2 ea)	90-Start up Operation	5080637
AN44-5A	Eyebolt	2 Ea (2 ea)	90-Start up Operation	5065262x1 5104032x1
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation	5095478
AN665-34R	Clevis	2 Ea (2 ea)	90-Start up Operation	5065264
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	90-Start up Operation	5011733x28 5116954
CR3213-5-3	Cherry Rivet	14 Ea (14 ea)	90-Start up Operation	5108575x12 5074204x2
MS20426AD5-7	Rivet	2 Ea (2 ea)	90-Start up Operation	F153848
MS20470AD5-5.5	Rivet	8 Ea (8 ea)	90-Start up Operation	FM134063
MS20470AD5-6	Rivet	8 Ea (8 ea)	90-Start up Operation	F124089
MS20470AD5-7	Rivet	3 Ea (3 ea)	90-Start up Operation	F123425
MS21042L08	Nut	2 Ea (2 ea)	90-Start up Operation	5108123405 5100409
MS21042L3	Nut	63 Ea (63 ea)	90-Start up Operation	5100409 5094592
MS21042L4	Nut	2 Ea (2 ea)	90-Start up Operation	5109736
MS21047-3	Nut Plate	18 Ea (18 ea)	90-Start up Operation	5103943
MS24693-C278	Screw	5 Ea (5 ea)	90-Start up Operation	5065341
MS24694-S51	Screw	5 Ea (5 ea)	90-Start up Operation	5004859
MS24694-S54	Screw	2 Ea (2 ea)	90-Start up Operation	5118346
MS24694-S55	Screw	3 Ea (3 ea)	90-Start up Operation	5099526
MS27039-08-13	Screw	2 Ea (2 ea)	90-Start up Operation	5016508
MS27039-1-10	Screw	2 Ea (2 ea)	90-Start up Operation	5071834
MS27039-1-12	Screw	6 Ea (6 ea)	90-Start up Operation	5006971
MS27039-1-16	Screw	24 Ea (24 ea)	90-Start up Operation	5071443x 5104364
MS27039-1-19	Screw	22 Ea (22 ea)	90-Start up Operation	5071413x15
MS27039-1-20	Screw	2 Ea (2 ea)	90-Start up Operation	5094554
MS27039-1-21	Screw	4 Ea (4 ea)	90-Start up Operation	5104011
NAS1149F0332P	Washer	144 Ea (144 ea)	90-Start up Operation	5109991
NAS1149F0363P	Washer	2 Ea (2 ea)	90-Start up Operation	5075330
NAS1149F0432P	Washer	4 Ea (4 ea)	90-Start up Operation	5123456
NAS1149FN832P	Washer	4 Ea (4 ea)	90-Start up Operation	5107796

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.0129	8	264	0
	600.0990	1	8	0
	600.0991	1	4	0
	600.1012	1	11	0
	600.1013	5	24	0
	646.2910	1	25	0
	646.3001	1	3	0
	646.3110	1	12	0
	646.3210	1	14	0
	646.3301	1	6	0
	646.3510	1	17	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :
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Description Work Order Deviation	Disposition

Container No: S133322

Part: 646.4001

Job No: 184731

Serial No/Batch: S133322

Revision: _____

Inspector: _____

Exp Date: 04/28/2019

Instructions: FAA STC SH02180LA 14/PA/07/2766STC SH09 -

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Root Cause		FAULT CATEGORY	
Environment	☐	No Re-verification	☐
Design	☐	Operator	☐
Doc/Data	☐	Offset/Setup	☐
Equip/Tooling	☐	Supplier	☐
Handling/Pre	☐	Training	☐
Material	☐	Use for Testing	☐
Internal Transport	☐	Poor Information	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐
		Pressure/Forced	☐
		Bending	☐
		Centre Not Concentric	☐
		Cracks	☐
		Crimp/Kink/Ripple/Wave	☐
		Cuffs	☐
		Crushing	☐
		Heat Treat	☐
		Wave/Twist in Tube	☐
		Marks/Chatter	☐
		Temperature/Cure	☐
		Set-up	☐
		BOM/Route	☐
		Broken/Damage/Defect	☐
		Inspection Incomplete/Unqualified	☐
		Contamination	☐
		Countersink	☐
		Cut Too Short	☐
		Instructions Incomplete/Unclear	☐
		Drill Holes	☐
		Power Loss/S	☐
		Folio/Prograr	☐
		Grain	☐
		Weld	☐
		Wrong Stock Pulled	☐
		Out of Sequence	☐
		Off-set	☐
		Mislabeled	☐
		Fit/Function	☐
		Misaligned/off center	☐
		Part Incorrect	☐
		Part Lost/Missing	☐
		Part Moved	☐
		Drawing	☐
		Finish	☐
		Misread	☐
		Turning Sequence	☐
		OTHER :	☐

646.3511	1	22	0
646.3610	1	22	0
646.3710	1	48	0
646.3711	1	32	0
646.3712	1	20	0
646.3713	1	15	0
646.3714	1	21	0
646.3715	2	29	0
646.3716	1	38	0
646.3717	1	24	0
646.3718	2	40	0
646.3719	2	32	0
646.3810	2	3	0
646.3811	1	29	0
646.3812	2	0	0
646.3813	1	11	0
646.3910	4	25	0
646.3911	1	21	0
646.3912	4	22	0
646.3913	1	37	0
646.9410	1	99	0
647.0112	2	100	0
647.7703	2	16	0
650.9201	2	13	0
AN3-11A	10	195	0
AN3-12A	2	104	0
AN3-13A	1	97	0
AN3-3A	4	225	0
AN3-4A	10	395	0
AN3-5A	2	266	0
AN3-6A	2	198	0
AN316C4R	2	35	0
AN44-5A	2	29	0
AN4C7A	2	141	0
AN665-34R	2	27	0
CCR264SS3-02	36	599	0
CR3213-5-3	14	258	0
MS20426AD5-7	2	1,057	0
MS20470AD5-5.5	8	221	0
MS20470AD5-6	8	1,006	0
MS20470AD5-7	3	140	0
MS21042L08	2	2,361	0
MS21042L3	63	2,677	0
MS21042L4	2	4,178	0
MS21047-3	18	500	0
MS24693-C278	5	144	0
MS24694-S51	5	113	0
MS24694-S54	2	428	0
MS24694-S55	3	181	0
MS27039-08-13	2	188	0
MS27039-1-10	2	200	0
MS27039-1-12	6	87	0
MS27039-1-16	24	595	0
MS27039-1-19	22	226	0
MS27039-1-20	2	113	0
MS27039-1-21	4	114	0
NAS1149F0332P	144	2,579	0
NAS1149F0363P	2	579	0
NAS1149F0432P	4	988	0
NAS1149FN832P	4	3,483	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.
- 2 INSTALL F/N 14 WITH F/N 52 & 53.
- 3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75935A651.
- 4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.
- 5 REUSE FASTENERS FROM F/N 1.
- 6 USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.
- 7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.
- 8 INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.
- 9 NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

REFERENCE ONLY

UNINCORPORATED ECN(s)

05304

5	5	5	78	601.3875	SCREW	AS27039-1-10
1	1	1	77	646.9410	SHIM	AS21042-08
		4	76	601.2764	WASHER	AS21042-08
		2	75	601.2973	LOCKNUT	MS27039-0813
		2	74	601.2988	SCREW	MS21042-0
		2	73	601.2943	LOCKNUT	AN316CAR
		2	72	601.3128	NUT	MS21042-0
		2	71	601.3209	LOCKNUT	AS21042-0
		4	70	601.2638	WASHER	AS21042-0
		2	69	601.2669	BOLT	AN4C7A
		2	68	601.3119	CLEVIS	AN665-3AR
		2	67	601.3121	EYE BOLT	AN44-3A
		2	66	650.9201	EYE BRACKET ASSY	
	REF	REF	65	647.5701	GPS MOUNT KIT	AS21042-0
		2	64	601.3151	WASHER	AS21042-0
		2	63	601.2911	SCREW	MS24694553
		24	62	601.2637	SCREW	MS27039-1-16
		2	61	601.2763	BOLT	AN3-12A
		1	60	646.3913	SHIM	
		4	59	646.3912	SHIM	
		1	58	646.3911	SHIM	
		4	57	646.3910	SHIM	
		5	56	600.1013	PRIMER	
	8 FT	8 FT	55	600.0129	VHB TAPE	
	1	1	54	600.1012	SEALANT	PR-105-CLASS-B
		1	53	600.0991	MAGNOBOND 6398 PART B	
		1	52	600.0990	MAGNOBOND 6398 PART A	
		6	51	601.2826	BOLT	AN3-11A
			50	646.3814	WIPER BRACKET	
			49	601.2910	SCREW	MS27039-1-18
		2	48	601.1365	SCREW	MS27039-1-10
		2	47	646.3719	DOUBLER	
		2	46	646.3718	CUSTOM WASHER	
		1	45	646.3717	DOUBLER	
		22	44	601.1948	SCREW	MS27039-1-19
		2	43	601.1952	SCREW	MS27039-1-20
		4	42	601.1956	SCREW	MS27039-1-21

REFERENCE ONLY

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 02099, 0231, 02718 & 02745	03/06/2010	P. BRAVO
B	INCORPORATED ECN 02046, 02079 & 04731	11/04/2014	P. BRAVO
C	INCORPORATED ECN 03098	09/09/2015	P. BRAVO

		2	2	41	601.2829	SCREW	MS24694554
		2	2	40	601.2831	RIVET	MS20426AD5-7
		1	1	39	646.3716	GAUGE BRACKET	
		6	6	38	601.1953	SCREW	MS27039-1-12
		2	2	37	646.3715	STRUT DOUBLER	
		2	2	36	601.2824	BOLT	AN3-5A
12	36		36	35	601.2277	RIVET	CR29465-3-02
6	18		18	34	600.0795	NUTPLATE	MS21047-3
3	3		3	33	601.2545	RIVET	MS20470AD5-7
1	1		1	32	646.3813	STRUT BRACKET	
4	4		4	31	601.2822	BOLT	AN3-5A
2	2		2	30	646.3812	GUSSET BRACKET	
8	8		6	29	601.2564	RIVET	MS20470AD5-6
1	1		1	28	646.3714	GUSSET	
1	1		1	27	646.3610	FILLER	
3	3		3	26	601.2830	SCREW	MS24694555
2	2		2	25	601.2825	BOLT	AN3-5A
1	1		1	24	646.3811	RADIUS BLOCK	
1	1		1	23	646.3712	CLIP	
1	1		1	22	646.3711	CLIP	
8	8		8	21	601.2832	RIVET	MS20470AD5-8
14	14		14	20	601.2020	RIVET	CR3213-5-3
4	6	4	6	19	601.2823	BOLT	AN3-4A
1	1		1	18	601.2827	BOLT	AN3-13A
5	5		5	17	601.2912	SCREW	MS24694551
1	1		1	16	646.3713	GUSSET	
1	1		1	15	646.3210	SUPPORT	
			1	14	646.3710	DOUBLER	
1	1		1	13	646.3110	CHANNEL	
14	10	8	53	61	601.1624	LOCKNUT	MS21042L3
16	32	18	120	16	601.1607	WASHER	AS21042-0
				10	646.3410	LH WIPER DEFLECTOR	
				9	646.3411	RH WIPER DEFLECTOR	
			2	8	647.7703	STRUT ASSY	
			2	7	647.0112	STRUT BRACKET	
			1	6	646.3511	STRUT	
			1	5	646.3510	STRUT	
2	2		2	4	646.3810	BRACKET	
			1	3	646.2910	DEFLECTOR	
			1	2	646.3001	LOWER CUTTER ASSY	
			1	1	646.3301	UPPER CUTTER ASSY	
X					646.4006	LOWER CUTTER FIXED PROVISIONS	
					646.4005	LOWER CUTTER REMOVABLE PROVISIONS	
					646.4004	FIXED PROVISIONS KIT	
					646.4003	CABLE CUTTERS KIT W/WHOLE FIXED PROVISIONS	
					646.4002	AS350 WIPER DEFLECTOR KIT	
					646.4001	AS350 CABLE CUTTING KIT	

QTY	NEXT ASSY (S)	ORIGINAL DATE MO DA YR 08 27 08	DESIGNED BY S. HURT	CHECKED BY P. BRAVO	DATE 08 27 08
		DRAWING APPROVAL P. BRAVO		DESIGNER S. HURT	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±0.01 3 PLACE DECIMALS ±0.005 ANGLES ±5°		SIZE B	
		CAGE CODE B 07M16		DWG. NO. 646.4000	
		SCALE NONE		SHEET 1 OF 5	

DART 3030 ENTERPRISE CT., SUITE A
VISTA, CA, 92081
(760)-724-5300
APICAL INDUSTRIES, INC.
DBA DART AEROSPACE

AS350 CABLE CUTTERS KIT

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